

**Part 63 - National Emission Standards for Hazardous Air
Pollutants for Source Categories**

1. The authority citation for Part 63 continues to read as follows:

Authority 42 U.S.C. 7401 *et seq.*

§ 63.7 [Amended]

2. Amend § 63.7 by revising paragraph (c)(4)(i) as follows:

§ 63.7 Performance testing requirements.

* * * * *

(c) * * *

(4) *Performance test method audit program.* The owner or operator shall analyze performance audit (PA) samples during each performance test. The owner or operator shall request performance audit materials 45 days prior to the test date. Cylinder audit gases, if available, must be obtained from the appropriate EPA Regional Office or from the responsible enforcement authority and analyzed in conjunction with the field samples.

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§ 63.11 [Amended]

3. Amend § 63.11 as follows:

a. The definition of "C_i" in paragraph (b)(6) is amended by revising "D1946-77" to read "D1946-77 or 90

(Reapproved 1994)."

b. The definition of "H_i" in paragraph (b)(6) is amended by revising "D2382-76" to read "D2382-76 or 88 or D4809-95."

§ 63.14 [Amended]

4. In § 63.14, paragraph (b) is amended by revising to read as follows:

§ 63.14 Incorporation by reference.

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(b) The following materials are available for purchase from at least one of the following addresses: American Society for Testing and Materials (ASTM), 1916 Race Street, Philadelphia, PA 19103; or University Microfilms International, 300 North Zeeb Road, Ann Arbor, MI 48106.

(1) ASTM D523-89, Standard Test Method for Specular Gloss, IBR approved for §63.782.

(2) ASTM D1193-77, 91, Standard Specification for Reagent Water, IBR approved for Appendix A: Method 306, Sections 7.1.1 and 7.4.2.

(3) ASTM D1331-89, Standard Test Methods for Surface and Interfacial Tension of Solutions of Surface Active Agents, IBR approved for Appendix A: Method 306B, Sections 6.2, 11.1, and 12.2.2.

(4) ASTM D1475-90, Standard Test Method for Density of

Paint, Varnish Lacquer, and Related Products, IBR approved for §63.788, Appendix A.

(5) ASTM D1946-77, 90, 94, Standard Method for Analysis of Reformed Gas by Gas Chromatography, IBR approved for §63.11(b)(6).

(6) ASTM D2369-93, 95, Standard Test Method for Volatile Content of Coatings, IBR approved for §63.788, Appendix A.

(7) ASTM D2382-76, 88, Heat of Combustion of Hydrocarbon Fuels by Bomb Calorimeter (High-Precision Method), IBR approved for §63.11(b)(6).

(8) ASTM D2879-83, 96, Test Method for Vapor Pressure-Temperature Relationship and Initial Decomposition Temperature of Liquids by Isoteniscope, IBR approved for §63.111 of Subpart G.

(9) ASTM D3257-93, Standard Test Methods for Aromatics in Mineral Spirits by Gas Chromatography, IBR approved for §63.786(b).

(10) ASTM 3695-88, Standard Test Method for Volatile Alcohols in Water by Direct Aqueous-Injection Gas Chromatography, IBR approved for §63.365(e)(1) of Subpart O.

(11) ASTM D3792-91, Standard Method for Water Content of Water-Reducible Paints by Direct Injection into a Gas Chromatograph, IBR approved for §63.788, Appendix A.

(12) ASTM D3912-80, Standard Test Method for Chemical Resistance of Coatings Used in Light-Water Nuclear Power Plants, IBR approved for §63.782.

(13) ASTM D4017-90, 96a, Standard Test Method for Water in Paints and Paint Materials by the Karl Fischer Titration Method, IBR approved for §63.788, Appendix A.

(14) ASTM D4082-89, Standard Test Method for Effects of Gamma Radiation on Coatings for Use in Light-Water Nuclear Power Plants, IBR approved for §63.782.

(15) ASTM D4256-89, 94, Standard Test Method for Determination of the Decontaminability of Coatings Used in Light-Water Nuclear Power Plants, IBR approved for §63.782.

(16) ASTM D4809-95, Standard Test Method for Heat of Combustion of Liquid Hydrocarbon Fuels by Bomb Calorimeter (Precision Method), IBR approved for §63.11(b)(6).

(17) ASTM E180-93, Standard Practice for Determining the Precision of ASTM Methods for Analysis and Testing of Industrial Chemicals, IBR approved for §63.786(b).

(18) ASTM E260-91, 96, General Practice for Packed Column Gas Chromatography, IBR approved for §§63.750(b)(2) and 63.786(b)(5).

§ 63.111 [Amended]

5. In § 63.111, paragraph (3) of the definition of the term "*Maximum true vapor pressure*" is amended by revising

"D2879-83" to read "D2879-83 or 96."

§ 63.301 [Amended]

6. Amend § 63.301 as follows:

a. The definition of the term "*Foundry coke producer*" is amended by revising the words "1.25 million megagrams per year" to read "1.25 million megagrams per year (1.38 million tons per year)."

b. The definitions of the terms "*Short coke oven battery*" and "*Tall coke oven battery*" are amended by revising the words "6 meters" to read "6 meters (20 feet)" wherever they occur.

§ 63.304 [Amended]

7. In § 63.304, paragraph (b)(6)(iii) is amended by revising the words "2.7 million Mg/yr" to read "2.7 million Mg/yr (3.0 million ton/yr)."

§ 63.750 [Amended]

8. In § 63.750, paragraph (b)(2) is amended by revising "ASTM E 260-91 (incorporated by reference as specified in § 63.14 of subpart A of this part)" to read "ASTM E 260-91 or 96 (incorporated by reference - see § 63.14 of Subpart A of this part)."

§ 63.782 [Amended]

9. Amend § 63.782 as follows:

a. The definition for "*High-gloss specialty coating*"

is amended by revising "ASTM Method D523," to read "ASTM D523-89."

b. The definition for *Nuclear specialty coating* is amended by revising "ASTM D4256-89," to read "ASTM D4256-89 or 94."

§ 63.786 [Amended]

10. In § 63.786, paragraph (b)(5) is amended by revising "ASTM Method E260-91" to read "ASTM E260-91 or 96."

§ 63.788 [Amended]

11. In § 63.788, the Appendix A to Subpart II of Part 63-VOC Data Sheet is amended by revising "ASTM Method D2369-93," and "ASTM D4017-90" to read "ASTM D2369-93 or 95" and "ASTM D4017-81, 90, or 96a" respectively.

Appendix A [Amended]

12. Amend Method 310B in Appendix A as follows:

a. Section 1.0 is amended by revising "ethylidene norbornene (ENB)" to read "Applicable Termonomer."

b. Section 1.0 is amended by deleting "16219-75-3."

c. In Section 5.0, correcting the section numbering from "5.1, 5.2, 5.3, 5.3, 5.4, 5.5, 5.6, and 5.7" to "5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, and 5.8."

d. Sections 5.3, 7.1, 7.2, 7.3, 7.5.6, 7.6, 7.6.1, 9.2, 10.1, 10.2.2, 10.2.5, 10.2.8, 12.3, and 12.6 are amended by revising "ENB" to read "termonomer" wherever it appears.

e. Sections 6.11, 7.5.1, 9.3.3, 11.1.2, and 12.5 are revised.

f. The first sentence in Section 7.1 is amended by revising to read "Reagent toluene, EM Science Omnisolv (or equivalent)."

g. Section 7.2 is amended by revising the first sentence to read "Reagent acetone, EM Science Omnisolv HR-GC (or equivalent)."

h. Section 7.3 is amended by revising the first sentence to read "Reagent heptane, Aldrich Chemical Gold Label, Cat #15,487-3 (or equivalent)."

i. Section 7.4.5 is amended by revising "Section 5.4.4" to read "7.4.4."

j. Section 9.3 is amended by revising the first sentence to read "Recovery efficiency must be determined for high ethylene concentration, low ethylene concentration, E-P terpolymer, or oil extended samples and whenever modifications are made to the method."

k. Section 13.1 is amended by revising the last sentence to read "**Note:** These values are examples; each sample type, as specified in Section 9.3, must be tested for sample recovery."

The revisions read as follows:

Method 310B-Determination of Residual Hexane Through Gas Chromatography

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6.0 Equipment and Supplies * * *

6.11 Crimp-top sample vials and HP p/n 5181-1211 crimp caps, or screw-top autosampler vials and screw tops.

* * * * *

7.5.1 Preparation of Polymer Dissolving Solution.
Fill a 4,000-ml volumetric flask about $\frac{3}{4}$ full with toluene.

* * * * *

9.3.3 The precipitated polymer from the steps

described above shall be redissolved using toluene as the solvent. No heptane shall be added to the sample in the second dissolving step. The toluene solvent and acetone precipitant shall be determined to be free of interfering compounds.

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11.1.2 Place crumb sample in bottle: RLA-3: 10 g
(gives a dry wt. of ~5.5 g).

* * * * *

12.5 After obtaining the final dry weight of polymer used (Section 11.1.10 of this method), record that result in a "dry wt." column of the logbook (for oil extended polymer, the amount of oil extracted is added to the dry rubber weight).

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